



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Seppo Nissilä Examiner: Unassigned  
Serial No.: 10/735,255 Group Art Unit: Unassigned  
Confirmation No: Unassigned Docket: 187-73  
Filed: December 12, 2003 Dated: January 27, 2004  
For: CODING HEART RATE  
INFORMATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

*I hereby certify this correspondence is being deposited with  
the United States Postal Service as first class mail, postpaid  
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Commissioner for Patents, P.O. Box 1450,  
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on January 27, 2004*

Signed: 

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R.  
§1.56, Applicant submits herewith the following Information Disclosure Statement in  
accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

**UNITED STATES PATENTS**

<b><u>PATENTEE</u></b>	<b><u>PATENT NO.</u></b>	<b><u>ISSUE DATE</u></b>
Saperston	5,267,942	December 7, 1993
McHugh	6,230,047 B1	May 8, 2001

**FOREIGN PATENT DOCUMENTS**

<b><u>COUNTRY</u></b>	<b><u>PUBLICATION NO.</u></b>	<b><u>PUBLICATION DATE</u></b>
Germany	DE 3546052 A1	June 25, 1987
WIPO	WO 01/37914 A1	May 31, 2001

## **NON-PATENT PUBLICATIONS**

Finnish Official Action issued in corresponding Finnish Application No. 20022200.

## **CONCISE EXPLANATION OF NON-ENGLISH REFERENCES**

German document No. DE 3546052 relates to a method for enhancing human performance by the deliberate action of music in such a manner that the frequency of the rhythm underlying the music and the frequency of a cardiac rhythm are brought into a harmonic, preferably integral, frequency ratio. A device in accordance with the invention includes an electronic device for playback of the music, which includes a means for changing the playback speed, a device for measurement of the heart rate with a pulse sensor, and a device that can be connected to the playback unit for the measurement of the rhythm frequency.

The above-referenced documents are listed on PTO Form 1449. We have enclosed the cited documents to facilitate reference to them.

Applicant is not aware of any other references to be identified at this time. If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicant's attorney at the telephone number set forth below.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
187-73SERIAL NO.  
10/735,255INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Seppo NissilaCONFIRMATION NO.  
Unassigned

(Use several sheets if necessary)

FILING DATE  
December 12, 2003GROUP  
Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		5,267,942	12/07/93	Saperston			
		6,230,047	05/08/01	McHugh			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
		DE3546052 A1	06/25/87	Germany				
		WO 01/37914 A1	05/31/01	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Finnish Official Action issued in corresponding Finnish Application No. 20022200.

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.